

Submit within 45 days of well completion	State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505	Revised February 15, 2012					
		1. WELL API NO: 30-025-34549					
		2. Well Name: MALJAMAR 15 FEDERAL #001					
		3. Well Number: 001					
HYDRAULIC FRACTURING FLUID DISCLOSURE ☒ Original ☐ Amendment		4. Surface Hole Location: Unit:A Lot:A Section:15 Township:17S Range:32E Feet from:1310 N/S Line:N Feet from:1310 E/W Line:E					
		5. Bottom Hole Location: Unit:A Lot:A Section:15 Township:17S Range:32E Feet from:1310 N/S Line:N Feet from:1310 E/W Line:E					
		6. Latitude: 32.8382271075388 Longitude: -103.750026881865					
		7. County: Lea					
8. Operator Name and Address: DEVON ENERGY PRODUCTION COMPANY, LP 333 W. Sheridan Avenue Oklahoma City 73102			9. OGRID: 6137		10. Phone Number: 405-228-8588		
11. Last Fracture Date: 3/22/2013 Frac Performed by: HES			12. Production Type: O				
13. Pool Code(s): 44500			14. Gross Fractured Interval: 5,578 ft to 5,626 ft				
15. True Vertical Depth (TVD): 6,000 ft			16. Total Volume of Fluid Pumped: 5,280 bbls				
17. HYDRAULIC FLUID COMPOSITION AND CONCENTRATION:							
Trade Name	Supplier	Purpose	Ingredients	(CAS #) Chemical Abstract Service #	Maximum Ingredient Concentration in Additive (% by mass)	Maximum Ingredient Concentration in HF Fluid (% by mass)	
Fresh Water	Operator				100%	82.97531%	
HYDROCHLORIC ACID 5-10%	Halliburton		Hydrochloric acid	7647-01-0	10%	0.0801%	
HYDROCHLORIC ACID 10-30%	Halliburton		Hydrochloric acid	7647-01-0	30%	0.47794%	
SILICA SCALE ACID	Halliburton		Ammonium bifluoride	1341-49-7	5%	0.14018%	
SSA-2	Halliburton	Proppant	Hydrochloric acid	7647-01-0	30%	0.84109%	
SAND - PREMIUM WHITE	Halliburton	Proppant	Crystalline silica, quartz	14808-60-7	100%	2.05804%	
CRC SAND PREMIUM	Halliburton	Proppant	Crystalline silica, quartz	14808-60-7	100%	6.82139%	
			Hexamethylenetetramine	100-97-0	2%	2.30926%	
			Phenol / formaldehyde resin	9003-35-4	5%	0.04619%	
BC-140 X2	Halliburton	Initiator	Ethylene glycol	107-21-1	30%	0.11546%	
			Monoethanolamine borate	26038-87-9	100%	0.01526%	
BE-9	Halliburton	Biocide	Tributyl tetradecyl phosphonium chloride	81741-28-8	10%	0.05087%	
FDP-S1041-12	Halliburton				100%	0.00505%	
HpH BREAKER	Halliburton	Breaker	Sodium chloride	7647-14-5	30%	0%	
Clayfix 3	Halliburton	Additive	Sodium chloride	7647-14-5	30%	0.00061%	
SUPERSET W	Halliburton	Activator	Methanol	67-56-1	60%	0.05642%	
			Ethoxylated nonylphenol	Confidential Business Information	60%	0.02796%	
SGA-II	Halliburton	Gelling Agent	Hydrotreated light petroleum distillate	64742-47-8	30%	0.02796%	
XL-1	Halliburton	Crosslinker	Ferric chloride	7705-08-0	45%	0.01971%	
FR-66	Halliburton	Friction Reducer	Hydrotreated light petroleum distillate	64742-47-8	30%	0.01749%	
WG-36 GELLING AGENT	Halliburton	Gelling Agent	Guar gum	9000-30-0	100%	0.02581%	
OPTIFLO-HTE	Halliburton	Breaker	Crystalline silica, quartz	14808-60-7	30%	0.078%	
			Walnut hulls	Mixture	100%	0.00188%	
Scalechek® SCP-2 Scale Inhibitor	Halliburton	Scale Preventer	Glassy calcium magnesium phosphate	65997-17-3	100%	0.00188%	
OptiKleen-WF™	Halliburton	Concentrate	Sodium perborate tetrahydrate	10486-00-7	100%	0.00626%	
K-35	Halliburton	Additive	Sodium carbonate	497-19-8	100%	0.01341%	
Ingredients Listed Below This Line Are Part of the			1,2-Benzisothiazolin-3-one	2634-33-5	0%	0.00447%	
			2,7-Naphthalenedisulfonic acid, 3-hydroxy-4-[(4-sulfur-1-naphthalenyl) azo] -, trisodium salt	915-67-3	0%	0%	
			Acrylamide	79-06-1	0%	0%	
			Alcohols, C10-16, ethoxylated	68002-97-1	0%	0%	
			Alcohols, C12-16, ethoxylated	68551-12-2	0%	0%	
			Ammonium chloride	12125-02-9	0%	0%	
			Bentonite, benzyl (hydrogenated tallow alkyl) dimethylammonium stearate complex	121888-68-4	0%	0%	
			C.I. Pigment Red 5	6410-41-9	0%	0%	
			Calcium chloride	10043-52-4	0%	0%	
			Crystalline Silica, Quartz	14808-60-7	0%	0%	
			Cured Acrylic Resin	Mixture	0%	0%	
			Cured Acrylic Resin	9002-98-6	0%	0%	
			Enzyme	37288-54-3	0%	0%	
			Enzyme	9025-56-3	0%	0%	
			Ethoxylated sorbitan monostearate	9005-67-8	0%	0%	
			Inorganic Salt	141-53-7	0%	0%	
			Magnesium chloride hexahydrate	7791-18-6	0%	0%	
			Modified Acrylamide Copolymer	38193-60-1	0%	0%	
			Polyacrylamide Copolymer	62649-23-4	0%	0%	
			Silica gel	112926-00-8	0%	0%	
			Sodium chloride	7647-14-5	0%	0%	
			Sorbitan monooleate polyoxyethylene derivative	9005-65-6	0%	0%	
			Sorbitan, mono-9-octadecenoate, (Z)	1338-43-8	0%	0%	
			Surfactant Mixture	67254-71-1	0%	0%	
			Surfactant Mixture	56449-46-8	0%	0%	
			Tall oil acid diethanolamide	68155-20-4	0%	0%	
			Water	7732-18-5	0%	0%	
	18. I, as Operator, hereby certify that the information shown on this disclosure form is true and complete to the best of my knowledge and belief.						
	Signature: Signed Electronically		Printed Name: Derek Berg		Title: Engineering Technician		
	Date: 6/3/2013						
	E-mail Address: derek.berg@dm.com						
	NMOCD does not require the reporting of information beyond MSDS data as described in 29 CFR 1910.1200. NMOCD does not require the reporting or disclosure of proprietary, trade secret or confidential business information.						